

20000827.ba v02\_n973.bam.20000827

>From ???@??? Sun Aug 27 06:31:21 2000 -0500  
Date: Sun, 27 Aug 2000 06:29:00 CDT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2973  
Message-Id: <20000827112902.913CA3B449@devel143.theporch.com>

### BOATANCHORS Digest 2973

Topics covered in this issue include:

- 1) RE: GB> Mate For The Mighty Midget...  
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
- 2) Re: Testing mech/crystal filters  
by John Kolb <jlkolb@cts.com>
- 3) RE: Radio Support  
by jay\_coward@agilent.com
- 4) ADMINISTRIVIA: A Few Does and Donts  
by listown@jackatak.theporch.com (Mail List Owner)
- 5) #32 enamel wire needed  
by "Russ Schroeder" <w2dyy@rochester.rr.com>
- 6) Re: Help On Hallicrafters S-55  
by W9WRL <w9wrl@gw1td.com>
- 7) Butterfly Condensors...  
by Jack Harper <jharper@bsi2000.com>
- 8) Re: R-390 help needed badly  
by "russ dworakowski" <wb3fau@hotmail.com>
- 9) Millen 90800 Transmitter  
by "Paul Christensen" <paulc@mediaone.net>
- 10) Need ARC-5 components  
by Lenox Carruth <carruth@geo-thermal.com>
- 11) Waters coax switch WANTED!  
by Sandy Gerli <angerli@home.com>
- 12) S40A questions  
by "Prof. Arthur I. Larky" <ail0@lehigh.edu>
- 13) FS: MT-1518/ARR-41 Mount  
by Paul Bernhardt <bern@ppdmail.nrl.navy.mil>
- 14) knobs  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 15) 2001 Collins Calendar  
by "Jay H. Miller" <jmiller@teleteam.net>
- 16) FS: ZM-11B/U Impedance Bridge  
by "Richard W. Solomon" <w1kszt@tiac.net>
- 17) Sad Looking VHF/UHF Converters  
by "Richard W. Solomon" <w1kszt@tiac.net>
- 18) WTD: Info on Spokane Radio 500A Forest Service Transceiver

- by John Poulton <jp@cs.unc.edu>  
19) Fwd: R4Cand T4XC  
by Bill Fuqua <wlfuqu00@pop.uky.edu>  
20) Re: WTD: Info on Spokane Radio 500A Forest Service Transceiver  
by "Lloyd A. Scott, Jr." <res00goy@gte.net>  
21) Re: WTD: Info on Spokane Radio 500A Forest Service Transceiver  
by "Lloyd A. Scott, Jr." <res00goy@gte.net>

-----  
Date: Thu, 24 Aug 2000 23:53:54 -0400  
From: polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)  
Message-Id: <200008250353.XAA00480@aaa4rm.ba-watch.org.>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: GB> Mate For The Mighty Midget...

Scott needs 20 of the \$100 bills shown for size & budget consideration in the 3rd QST photo.

-----  
Date: Thu, 24 Aug 2000 22:05:30 -0700 (PDT)  
From: John Kolb <jlkolb@cts.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Testing mech/crystal filters  
Message-ID: <Pine.BSF.4.21.0008242149360.39956-1000000@king.cts.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 24 Aug 2000, luc dugas wrote:

> with a signal generetor varying the frequency from 453.5 to 456.5 for a  
> mechanical filter 3.1 should match the half power point or the the amplitude  
> (voltage) should drop by half on the scope. this is the way i do. if it is a  
> 500 cycles filter the drop will occur at 454.75 kcsand 455.25 kcs assuming  
> the filter is correctly centered about the if frequency.

Note it takes a very stable generator to do this well.

To see the passband without adding more ripple than the filter has already, the filter should have the right caps and resistors at each end. To find the filter specs, you either need a data sheet for the filter, or take a guess from the circuit designed to use that specific filter. For a typical older filter designed for tubes, you are pretty safe assuming 100 kohms in and out, 100K between the coil and the generator on the input side, and a 110K in parallel with the 1 Mohm of the scope on the output side. The cap in parallel with the coil at each end might be anything from 47 to 470 pF, no way to assume a standard value here.

Some filters have up to 27 db insertion loss normally. Don't assume the filter is bad when you feed a 1 V signal, your generator max out into the filter and don't see much output.

There are a number of filter specification lists floating around and copies of Collins filter catalogs - these generally only list filter bandwidths, and sometimes only the nose BW, not the 60 db BW. These won't provide the input and output impedance and loading C values you need for an accurate test. I and a few others on the net have some full data sheets for specific filters - if you can't find the info you need, ask.

John

> ----- Original Message -----

> From: "Terry O'Laughlin" <terryo@wort-fm.terracom.net>

> > Has anyone mocked up a jig for testing mechanical and/or crystal filters?

> > I've been attempting to test a few with mixed results.

-----  
Message-ID: <FEEBE78C8360D411ACFD00D0B7477971DE0D3D@xsj02.sjs.agilent.com>

From: jay\_coward@agilent.com

To: Old Tube Radios <boatanchors@theporch.com>

Cc: boatanchors@theporch.com

Subject: RE: Radio Support

Date: Fri, 25 Aug 2000 08:27:19 -0600

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

I believe most rack suppliers also have angle stock rails for support. Then, no rear support needed. So far in my 20 years of being a technician, the HP rack system (now Agilent) is the easiest to configure. I've had to build many racked test systems and these racks are a piece of cake to assemble. They are expensive though and probably not in the budget for the average Ham, but if you ever get a chance to acquire one, it's well worth it.

And OF COURSE I'm biased!

Jay KE6PPF

-----Original Message-----

From: Dan [mailto:hankarn@pacbell.net]

Sent: Wednesday, August 23, 2000 9:18 PM

To: Old Tube Radios

Cc: Old Tube Radios

Subject: Re: Radio Support

Seems like this will start a new never ending thread on rear support. Why do none of the 1,000's of rack mounted R-39XXX have rear supports? Simple not needed nor required. I have 4 full racks of BA's the lightest being a Racal 6790GM, plus 390, 390A, SP600, 391, 388, 391 PS, and a bunch of others and they are all square to the face and to each other and the tuning is just fine and smmmooooottthhh!!!!

Of course it is just another re engineering out smarting the original design. I have seen hundreds of rack mounts and very few with rear support.

Not including slide outs which could open up a thread on acceleration and sudden stop on opening and jarring the tubes or the vibration on rolling out on all of the little ball bearings.

Do not forget the movement of air over the unit as it is pulled out on the slides and the change in pressure as it happens to be swing up or down type like the FRR-59/WRR-2.

Now you will have to take into consideration the convection cooling that will be increased due to the fact it is not in the rack between other units dissipating heat into the unit.

This one should now go for at least a month or longer.

Do not forget to include the spares kit.  
Hank KN6DI

-----  
Message-Id: <200008251615.e7PGF0o28933@jackatak.theporch.com>  
From: listtown@jackatak.theporch.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: A Few Does and Donts  
Date: Fri, 25 Aug 2000 11:15:00 CDT

Gang-

Here are the real basics of how to keep me happy, the list noise-free, and everyone able to enjoy BoatAnchors... Simple, easy, workable...

Do not send spam e-mail messages to the list.

Do not send attachments (attached files) of \*ANY\* sort to the list. This includes URL shortcuts, v-cards, GEDCOM files, zipped files, and \*ANY\* other type of attachment.

Do not EVER forward virus warnings (which are 99%hoaxes) or send chain

letters to the list.

Do not use HTML or RTF (rich text format) in messages sent to the list.

DO keep e-mail messages to the list on topic and appropriate.

Do not post commercial messages.

Please refrain from posting "Ebay" type auction notices. Refrain from "seen on EBAY" posts...

DO be polite.

Do not flame other members of the list.

DO be considerate of the list members and list resources.

DO have fun!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -  
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"  
"Il n'y a que les idiots qui ne changent jamais d'idee"  
Fri Aug 25 11:15:00 CDT 2000

-----  
Message-ID: <00d101c00ebc\$351e69c0\$40c8a918@rochester.rr.com>  
From: "Russ Schroeder" <w2dyy@rochester.rr.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: <w2dyy@rochester.rr.com>  
Subject: #32 enamel wire needed  
Date: Fri, 25 Aug 2000 13:45:06 -0400  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----=\_NextPart\_000\_00CE\_01C00E9A.AD5BC940"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_00CE\_01C00E9A.AD5BC940  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hollowstaters,

I am attempting to rewind a relay coil and need a small amount of #32 =  
gauge enamel wire. The coil is about 1 inch long and 1/2 inch in =

diameter. Anyone have some extra wire available? TIA

73 Russ W2DYY

w2dyy@rochester.rr.com

-----=\_NextPart\_000\_00CE\_01C00E9A.AD5BC940

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=\_NextPart\_000\_00CE\_01C00E9A.AD5BC940--

-----  
Message-Id: <3.0.32.20000823153318.007c7b10@gwltld.com>

Date: Fri, 25 Aug 2000 14:09:06 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: W9WRL <w9wrl@gwltld.com>

Subject: Re: Help On Hallicrafters S-55

Cc: Old Tube Radios <boatanchors@theporch.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

As i recall, the 55S had a built in speaker. I might be thinink of another radio.

W9WRL

At 12:59 PM 08/23/2000 -0700, John Kolb wrote:

>On Tue, 22 Aug 2000, Liles and Naomi Garcia wrote:

>

>> Good evening Everybody,

>>

>> I have a lead on a Hallicrafters S-55 ( and that after almost telling

>> the owner that there was no such Hallicrafters receiver). The radio

>> seems to be in original condition. What I need help on is how does the

>> speaker attach to it? There is no terminal strip on the back--just a 5

>> prong socket. Does the 5 prong socket attach to a special Hallicrafters

>

>Don't know anything about the S-55, but my first receiver as a

>teenager was a 1939 tabeltop model where the speaker plugged into  
>the chassis with a 4 or 5 pin plug. The speaker had a field coil,  
>which for you youngsters out there, means it didn't have a permanent  
>magnet, but a field coil which produced the required magnetic field  
>only when current flowed in it. Normally these were wired in  
>series with the B+ of the receiver and acted as a filter choke.

>

>If there are 4 wires going to the 5 pin connector, this is  
>likely the case. Two of the wires would go to the power supply  
>section, likely tied to the filter caps, and two of the wires  
>would go to the audio output transformer, if there is one on  
>the chassis. If the audio output transformer is on the chassis,  
>it's output can most likely be connected to a modern 3.2-8 ohm  
>PM speaker, and the field coil replaced with a filter choke,  
>whatever's in the junk box. It's possible that the audio output  
>transformer might also be mounted on the speaker, in which  
>case, the transformer primary would be going through the  
>5 pin connector, and the wiring will be a little harder  
>to trace out if you don't locate a schematic.

>

>WARNING: Saftey standards were lacking in the old days, and  
>it's easy to contact +250-300 volts on any exposed metal on  
>the 5 pin connector pins, which can give a serious or fatal  
>electrical shock. Be careful out there.

>

>John

>

>

>

>

James (Dave) Mayfield W9WRL  
Collector of World Radio Labs and others  
<http://www.w9wrl.com>

-----  
Message-Id: <4.1.20000825140238.03e380f8@mail.bsi2000.com>

Date: Fri, 25 Aug 2000 14:17:26 -0600

To: Old Tube Radios <boatanchors@theporch.com>

From: Jack Harper <jharper@bsi2000.com>

Subject: Butterfly Condensors...

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hello All...

Last Sunday at the JeffCo HamFest in Denver, I found an ancient -- well  
actually only the early 1950's -- but clean kilowatt amplifier carcass that  
used a pair of 250TH tubes (no tubes here). As usual, I dragged the thing

home to the consternation of my wife and the continued amusement of my young son.

I am (slowly) collecting parts for a 4-1000A home brew amplifier that I want to build -- the chassis looks like a very good source of parts -- National neutralizing disk condensers, very nice meters, door knobs, insulators, coil forms, et. al. -- no power supply though...

...and also an enormous Barker & Williamson CX70-B 'butterfly' condenser which is the real reason that I got it -- this thing has about 1/2" spacing and is quite large -- about a cubic foot -- and it is truly gorgeous, incredibly well built, and pristine as if right out of the box.

Question -- What are the characteristics of a butterfly shape?? Were/are they better than the more usual semicircle?? They do have a clear symmetry that the half-circle does not have -- is that a factor?? The old Handbooks casually mention their existence but no relevant facts or opinions...

Does anyone have the technical specifications of the CX70-B?? I have found the CX-50 in the classified section of the '49 Handbook -- but nothing anywhere on the CX-70 series which were, possibly, of later vintage.

Information greatly appreciated.

Regards to the List

Jack, W0YJ (Friend to all things Hammarlund)

-----  
-----  
Jack Harper  
BSI2000, Inc.  
303-231-9095  
303-898-6126 (Cellular)

Lakewood, Colorado USA

"Optical Cards... A Spectrum of Solutions  
Optical Cards for Access Control, Medical, and Financial Applications  
Visit our Web Page: <http://www.bsi2000.com> (Last Update: 000108)  
-----  
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-----  
From: "russ dworakowski" <[wb3fau@hotmail.com](mailto:wb3fau@hotmail.com)>



To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: R-390 help needed badly  
Date: Fri, 25 Aug 2000 16:45:08 EDT  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed  
Message-ID: <LAW2-F45QAiEGKROptz00000820@hotmail.com>

Jim, get a hold of Fair Radio Sales, in Ohio. Get the service manual for in field repairs. This thing is very modular, so you can unplug everything and try a module at a time for the problem. Plugging in one module at a time will isolate the problem to one module as the which is giving you the short circuit. once this is done you can fix the module or replace it. Russ

>From: "Jim Reynolds" <ki6up@earthlink.net>  
>Reply-To: ki6up@earthlink.net  
>To: Old Tube Radios <boatanchors@theporch.com>  
>Subject: R-390 help needed badly  
>Date: Wed, 23 Aug 2000 18:58:27 -0500  
>  
>A storm blew up and I disconnected the antenna from the Tuner and shut  
>everything down as normal here in north Florida. Lightening began to hit  
>very near as the storm came full speed to my house. Inside the rack was my  
>R-390A left on due to my not seeing the dim panel dial light.  
>  
>Lightening hit the ground very close to the house and I smelled the  
>familure  
>smell of wires burning. I panicked as I raced around the shack only to see  
>my front switch in the "AGC" position and the new power strip on.  
>  
>I looked as hard as I could - no lights. After the storm passed, I got  
>behind the radio and removed the AC fuse, it was toasted. I put another in  
>and turned it on - immediately it blew.  
>  
>Please - I need suggestions - where do I start. The other two fuses are ok.  
>Where do I start???  
>  
>Did the EMF come through earth and travel up the ground? Was it traveling  
>in  
>the AC line to the house? Has anyone had this happen before?  
>  
>Heart broken is a understatement.  
>  
>KI6UP  
>

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

-----  
Message-ID: <014001c00ed8\$f5f6f060\$06678118@tci.com>  
From: "Paul Christensen" <paulc@mediaone.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Millen 90800 Transmitter  
Date: Fri, 25 Aug 2000 17:03:19 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

After a long search, I found a gorgeous Millen 90800 transmitter. Upon arrival, opening, and inspection, I noted substantial shipping damage to the unit's two air/ceramic tuning capacitors and open transmission line stand-off insulators. Anyone know a source and/or part number for these original Millen components? I have to think that with Millen's mainstream business being in supplying components to the electronics industry in the '40s, '50s and '60s, that these components cannot be too scarce. Several band coils came shipped with the transmitter, but I cannot determine exactly what I have. Any help with this would be greatly appreciated as well!

73,

-Paul, W9AC  
Jacksonville, Florida

-----  
Message-ID: <39A70105.9CFABA85@geo-thermal.com>  
Date: Fri, 25 Aug 2000 18:28:05 -0500  
From: Lenox Carruth <carruth@geo-thermal.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need ARC-5 components  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I need the following items to complete an ARC-5 Command Set receiver setup to use in my office. I need units which are in excellent condition, no extraneous holes, big dents, etc. I prefer original condition as I am going to operate them with dynamotors from 24 VDC.

C-24           Local Control  
R-26           3.0-6.0 Mc Receiver  
R-27           6.0-9.1 Mc Receiver

Many thanks.

--

Lenox

-----  
Lenox Carruth                      Dallas, TX                      carruth@geo-thermal.com  
Collector of WW-II Communications Equipment and Memorabilia

Wanted:    TBX-8 Antenna, Key, Canvas Case, Accessory Box  
-----

-----  
Message-ID: <39A73705.A8B3E779@home.com>  
Date: Fri, 25 Aug 2000 23:18:29 -0400  
From: Sandy Gerli <angerli@home.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Waters coax switch WANTED!  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, Folks,

I need a Waters 341 switch (or its B&W equivalent - same thing).  
This is a two-position coax switch with the SO-239 ports coming  
straight out the back of the case.

Hope there's one out there.

Thanks es 73,

--

Sandy Gerli, AC1Y  
500 Country Club Road  
Avon, CT 06001-2406  
(860) 675-5566  
E-Mail: angerli@home.com

Life Member: ARRL & QCWA  
CCA, HCA, and Old Heathkit Green!!

Boatanchors are Ham Radio's heritage!  
Restore something, anything! Smell that hot solder!  
Better 'n booze...  
And, you can get up afterwards if you stay away from the B+!!  
Keep your finals dipped, now...

-----  
Message-ID: <39A82463.C5C@lehigh.edu>  
Date: Sat, 26 Aug 2000 20:11:15 +0000  
From: "Prof. Arthur I. Larky" <ail0@lehigh.edu>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: S40A questions  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I picked up an S40A at a radio auction last week. Dusty, of course, and it will need TLC. My questions are:

- (1) what are the characteristics of the meter used for the external S-meter?
- (2) Both Dachis and Osterman say that the S40 uses an 80 rectifier and the S40A uses a 5Y3 rectifier. So why does my S40A have an 80 in it?
- (3) I got the s40A schematic from BAMA, but I guess I need the S40 one since the 6H6 is supposed to have been changed from one model to the next and I don't know if mine has the changes or not. Any suggestions for downloading the S40 schematic.

Thanks,  
Art K3HBA

-----  
Date: Sat, 26 Aug 2000 20:18:13 -0400 (EDT)  
From: Paul Bernhardt <bern@ppdmail.nrl.navy.mil>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: MT-1518/ARR-41 Mount  
Message-ID: <Pine.LNX.4.10.10008262015050.29349-100000@ppdpro0.nrl.navy.mil>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
To: Old Tube Radios <boatanchors@theporch.com>

A few months ago, I purchased a mount for the ARR-14 receiver. I paid \$45 for it. It is new in the package and was never opened. I would like to sell it for \$45 plus postage.

Paul Bernhardt, KF4FOR

Work: P.A. Bernhardt  
Code 6794  
Naval Research Laboratory  
Washington, DC 20375  
Tel: 202-767-0196  
FAX: 202-767-0631

Home: Paul Bernhardt, KF4FOR  
5704 Ridge View Dr.  
Alexandria, VA 22310  
703-960-9656

-----

Date: Sat, 26 Aug 2000 18:13:48 -0500 (CDT)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: knobs  
Message-ID: <Pine.OSF.3.96.1000826181314.10874B-100000@admin.aurora.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Was someone on this list looking for some Tektronix knobs recently?  
If so let me know.

"Nostalgia is a thing of the past"  
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-4222  
PLEASE PUT ALL REPLIES IN ASCII TEXT ONLY

-----  
Mime-Version: 1.0  
Message-Id: <p04320400b5cdf97cc4f1@[199.34.24.234]>  
Date: Sat, 26 Aug 2000 17:53:28 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "Jay H. Miller" <jmiller@teleteam.net>  
Subject: 2001 Collins Calendar  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I am starting to put together my 2001 Collins calendar and if anyone has any interesting dates in boatanchor history they'd like to share, please shoot me an e-mail. You know, Tesla's birthday, date of first trans-Atlantic ham QSO, etc.! The more obscure, but important to us, the better. Have some fun with this one.

Also, I need the dates for the 2001 Classic Radio Exchange, the military collectors meet and any notable BA-type hamfests and events. Not guaranteeing I will have room for all but will try and accommodate as many as possible.

Please don't post replies to the BA list-- conserve bandwidth.

Thanks and 73

--

\*\*\*\*\* jmiller@teleteam.net \*\*\*\*\*  
Jay H. Miller, KK5IM Dallas, Texas  
The Pocket Guide to Collins Amateur Radio Equipment  
A Pictorial History of Collins Amateur Radios  
ARRL \* AMI#846 \* DXCC

NEW Home Page: <http://www.kk5im.com>  
\*\*\*\*\* Proud to be 100% Macintosh since 1984! \*\*\*\*\*

-----  
From: "Richard W. Solomon" <w1ksz@tiac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: ZM-11B/U Impedance Bridge  
Date: Sat, 26 Aug 2000 15:52:10 -0400  
Message-ID: <LOBBJFMMJJJCIMDIAGBJLAEKIFAAA.w1ksz@tiac.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Looks in operating condition. I checked it with a couple of caps  
and it read right on. Small. compact R-L-C bridge in good condition.  
Few scratches here and there.  
\$35 plus UPS from 02421.

73, Dick, W1KSZ

-----  
From: "Richard W. Solomon" <w1ksz@tiac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Sad Looking VHF/UHF Converters  
Date: Sat, 26 Aug 2000 15:52:08 -0400  
Message-ID: <LOBBJFMMJJJCIMDIAGBJLOEKHFAAA.w1ksz@tiac.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I picked up ("rescued") two converters that some FC has removed  
the tubes and LO Xtals from (almost).  
First, Tapetone XC - 144, 28-30 MHz IF. The FC didn't realize  
that the LO tube and one LO Xtal are inside, so those are there,  
but the other tubes (including 417A RF Amp) are missing.

The second one is a Centimeg 432 converter, looks like 10 mtr IF.  
No tubes or LO Xtal.  
Both are very clean inside, the FC didn't know how to open them up  
I guess !!  
Interesting pieces from the 60's hey-day of VHF/UHF activity.  
I'll pack and ship both for \$24 to anyone in CONUS.

73, Dick, W1KSZ  
-----

Date: Sat, 26 Aug 2000 14:51:14 -0400 (EDT)  
From: John Poulton <jp@cs.unc.edu>  
Message-Id: <200008261851.0AA08381@mira.cs.unc.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: WTD: Info on Spokane Radio 500A Forest Service Transceiver

I've stumbled on an interesting little radio that's part of an estate donated to our local club, and would like to find some information about it.

It's a battery-operated transceiver made by Spokane Radio Company, model 500A. The tag inside its gray wooden case says that it's Forest Service Type SPF, and it's order number is 18017-PHILA-43, serial #616. Tube lineup is (2) 1A7G, (2) 1N5G, (2) 1J6G. 3Q5GT, 1H4G, 1F5G. Cute little bugger, too! This one seems to have been very slightly modified (couple of wires added for an external power supply; nicely installed, but suspiciously modern mike/speaker connector; no serious damage) to operated on 80M.

Any additional info would be greatly appreciated. Also any idea of its value? Offers to adopt welcome, proceeds to our club.

Thanks in advance,  
John Poulton KF40ZY

-----  
Message-Id: <4.2.0.58.20000826133609.00982a30@pop.uky.edu>  
Date: Sat, 26 Aug 2000 13:36:28 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Bill Fuqua <wlfuqu00@pop.uky.edu>  
Subject: Fwd: R4Cand T4XC  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

> Just got a R4Cand T4XC. The R4C has just about every option and  
>modification possible it seems. It has 5 additional filters 2 CW and the  
>AM and  
>additional SSB filters are added with tiny relays to switch them in and  
>out. There seems to be a small board with a product detector on it.  
>It replaces the diode one in the reciever. Has anyone seen the article  
>that this one was copied from? Would like to have schematics of everything

>in the radio if possible.  
> Also, the transmitter has a device made by DX Engineering on the back  
>with a switch mounted on the left front side of the case. The switch is  
>a 3 position toggle labeled U, OUT and L. I need some documentation  
>on this modification as well.  
>tnx es  
>73  
>Bill wa4lav

William L. Fuqua III , P.E. EE  
Department of Physics and Astronomy  
CP 177 Chemistry Physics Building  
University of KY  
Lexington, KY 40506-0055  
Phone 859 257-4155

-----  
Message-ID: <39A89863.DEDC515C@gte.net>  
Date: Sun, 27 Aug 2000 04:26:11 +0000  
From: "Lloyd A. Scott, Jr." <res00goy@gte.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: WTD: Info on Spokane Radio 500A Forest Service Transceiver  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi John: I think there was a thread on the net about these a couple of  
years ago. I have a unit made for the North West Forest services, I  
think, however it's in a metal box. I tried to locate the builder and  
had no luck. I will try and "dig" out the unit and compare the info.  
Lloyd Scott

John Poulton wrote:

>  
> I've stumbled on an interesting little radio that's part  
> of an estate donated to our local club, and would like to  
> find some information about it.  
>  
> It's a battery-operated transceiver made by Spokane Radio  
> Company, model 500A. The tag inside its gray wooden case  
> says that it's Forest Service Type SPF, and it's order  
> number is 18017-PHILA-43, serial #616. Tube lineup is  
> (2) 1A7G, (2) 1N5G, (2) 1J6G. 3Q5GT, 1H4G, 1F5G. Cute  
> little bugger, too! This one seems to have been very  
> slightly modified (couple of wires added for an external  
> power supply; nicely installed, but suspiciously modern  
> mike/speaker connector; no serious damage) to operated



> on 80M.  
>  
> Any additional info would be greatly appreciated. Also  
> any idea of its value? Offers to adopt welcome, proceeds  
> to our club.  
>  
> Thanks in advance,  
> John Poulton KF40ZY

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Located in Bartow, Florida Citrus Capital of the world  
Home to the Feared Citrus Canker and Soil Nematodes  
Radios: Harris RF-550, 551, Motorola R390, IC R70  
FRG 9600, and M-6000

-----  
Message-ID: <39A89934.E43C837A@gte.net>  
Date: Sun, 27 Aug 2000 04:29:40 +0000  
From: "Lloyd A. Scott, Jr." <res00goy@gte.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: WTD: Info on Spokane Radio 500A Forest Service Transceiver  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi again. Additional info I think these units were used by smoke jumpers  
Lloyd Scott

John Poulton wrote:

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> of an estate donated to our local club, and would like to  
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> It's a battery-operated transceiver made by Spokane Radio  
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> (2) 1A7G, (2) 1N5G, (2) 1J6G. 3Q5GT, 1H4G, 1F5G. Cute  
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> power supply; nicely installed, but suspiciously modern  
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End of BOATANCHORS Digest 2973  
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